

OCCUPATIONAL CERTIFICATE (CERT) AWC ADVISEMENT CHECK SHEET

To help you decide upon which courses to include in both the major and elective blocks, you and your Academic Advisor should consult the university transfer guides for specific required and recommended courses; the university transfer guides can be found at www.aztransfer.com.

Geospatial Technologies Technician

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|---------------------|-------------|----------------|---|
| Student Name | ID # | Advisor | Major Code: CERT.GSTT Credits: 18-19 |
|---------------------|-------------|----------------|---|

The certificate program provides students with the knowledge and skills necessary to develop and manage geospatial technology projects and to implement GIS as a dynamic system for decision making and establishment of policies. The geospatial curriculum, with course offerings within the discipline, represent a broad cross-section of the key geospatial science sub-fields including physical, human and regional geography, as well as state-of-the-art geographic information processing methods such as digital image processing and geographic information systems.

| Required Major Courses 'Technician' (15-16 Credits) | | Cr | Gr | Sem | Notes |
|---|--|----|----|-----|-------|
| GEO 102 | Introduction to Human Geography <OR> | 3 | | | |
| GPH 110 | Physical Geography | 4 | | | |
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| GST 101 | Introduction to Geospatial Technology | 3 | | | |
| GST 102 | Spatial Analysis and Modeling | 3 | | | |
| GST 103 | Data Acquisition and Management | 3 | | | |
| GST 104 | Cartographic Design and Visualization | 3 | | | |
| Other Departmental Requirements (3 Credits) | | Cr | Gr | Sem | Notes |
| CIS 120 | Survey of Computer Information Systems | 3 | | | |